

WORK ORDER TYPE: MODIFICATIONS

02-53663-41

ISSUE DATE 01/06/11

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|              |                |               |                 |
|--------------|----------------|---------------|-----------------|
| Originator   | : NATHAN CROP  | Schedule Date | :               |
| Planner      | : JIMMIE KNAPP | Priority      | : 3A            |
| Drawing No   | :              | Clearance     | : NO            |
| Equip No/Cat | : 2CCE--A 3    | Tag Request   | :               |
| Project ID   | : 2CCE-FAN-1A1 | Text ID       | :               |
| Shutdown     | : U Unit       | Frequency     | : NOT SCHEDULED |
| Ref No       | : IGS02-07     | Last Reading  | : No Reading    |

Date Completed: \_\_\_\_\_ Failure Code: \_\_\_\_\_

Completed By : \_\_\_\_\_ Signature : \_\_\_\_\_

Accepted By : \_\_\_\_\_ Signature : \_\_\_\_\_

\*\* Delay Codes Legend \*\*

W=Whse    C=CrSp    T=Tag    TL=Tool    P=Plan

**\*\* Record Time Daily \*\***

### Delays

| Step | Job Scope  | MN | DY | Safety and Additional Information  |
|------|--|----|----|--|
| 1    | <p>INSTALL MODICON REED RELAY OUTPUT MODULES AND MAKE WIRING CHANGES TO ID FAN 1A REMOTE I/O CABINET 31 DURING APRIL OF 2006 OUTAGE.</p> <p>1690.0511 &amp; 1690.061051</p> <p>*****</p> <p>JOB SCOPE:</p> <p>1. DISCUSS THE WORK TO BE DONE WITH THE UNIT OPERATOR. INFORM HIM OF ANY PROBLEMS WITH ALARMS, CONTROLS, OR INDICATIONS THAT MAY OCCUR AS A RESULT OF THIS WORK.</p> <p>2. CORRECT ALL PROBLEMS FOUND ON THIS WORK ORDER UNLESS PARTS ARE NEEDED THAT ARE NOT IN THE WAREHOUSE OR A CLEARANCE IS NEEDED TO DO THE JOB SAFELY.</p> <p>3. REVIEW THE ATTACHED WIRING DRAWINGS WITH NATHAN CROP AND VERIFY THE AS FOUND WIRING IS AS SHOWN ON THE DRAWING.</p> <p>4. CHANGE THE WIRING AS SHOWN ON THE ATTACHED WIRING DRAWING AND CONTACT NATHAN FOR AN INSPECTION OF THE NEW WIRING. HE SHOULD VERIFY IT IS WIRED AS REQUIRED.</p> <p>5. INSTALL THE NEW REED RELAY MODULE AND MODIFY THE PROGRAM AS NEEDED TO COMPLETE THIS MODIFICATION.</p> <p>6. CONTACT NATHAN CROP TO VERIFY THE SYSTEM WILL FUNCTION AS REQUIRED.</p> <p>7. PLEASE NOTE ALL PROBLEMS FOUND AND ANY CORRECTIVE ACTION TAKEN TO RETURN THE</p> | 2  | 1  | <p>*****</p> <p>SAFETY / ENVIRONMENTAL REQUIREMENTS:</p> <p>A. BE AWARE OF OTHER OUTAGE WORK IN PROGRESS DURING THIS WORK.</p> <p>B. BE AWARE OF THE ENERGIZED ELECTRICAL CIRCUITS IN THE MODICON CABINETS.</p> <p>*****</p> <p>ADDITIONAL INFORMATION:</p> <p>a. WORK WITH THE OTHER CRAFTS THAT ARE WORKING ON THE ID FAN MODIFICATION. DON'T DO ANYTHING THAT WILL CAUSE A PROBLEM WITH THE WORK SOMEONE ELSE IS DOING.</p> <p>b. THE MODICON REMOTE I/O IS LOCATED IN THE AQCS ELECTRICAL EQUIPMENT ROOM, GROUND FLOOR, NEXT TO THE CONTROL ROOM.</p> <p>c. JOHN FRITZGES WILL HAVE THE REED RELAY MODULES FOR THIS WORK.</p> <p>d. NATHAN CROP WILL BE THE ENGINEER OVER THIS WORK. HE CAN BE REACHED AT EXTENSION 6483 OR ON THE RADIO, CHANNEL ONE.</p> |

[illegible]

**\*\* IMPORTANT NOTICE \*\***

YOU ARE RESPONSIBLE FOR YOUR OWN SAFETY AND MUST ENSURE THAT THE REQUIRED PPE IS WORN FOR EVERY JOB YOU ARE DOING. IF YOU HAVE ANY QUESTIONS CONCERNING THE WORK RULES, SAFETY CODES, OR REQUIRED PPE, PLEASE CONTACT YOUR SUPERVISOR.

Job Feedback/Historical Notes:



**IP701330**

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| Step | Job Scope Cont'd            | MN | DY | Safety and Additional Information Cont'd | Notes Cont'd: |
|------|-----------------------------|----|----|--|---------------|
| 1    | SYSTEM TO NORMAL OPERATION. |    |    |  |               |

IP7013331

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\*\* Work Order Parts List \*\*

| Part No | Description           | PO/Req/SIR | Date Due | U/M | Reqd  | Commit | Issued/Rcvd |
|---------|-----------------------|------------|----------|-----|-------|--------|-------------|
| -----   | -----                 | -----      | -----    | --- | ----- | -----  | -----       |
| 1 51577 | TERMINAL, RING TONGUE | S 347894   | 04/02/06 | EA  | 100   | 0      | 100         |

IP7013332